**Reef Experiment**

**Look up “Reef” on Wikipedia or in a Dictionary:**

**A “reef” is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Do a Reef Experiment:**

1. **In a cake pan, flatten some clay into the land and place it in the end of the pan.**
2. **Crumble up a long piece of aluminum foil to make a reef. Tuck it under the edge of the clay land.**
3. **Pour some water into the pan so that it goes up to the edge of the clay land.**
4. **Tilt the pan up and down slowly so the water heads toward the land. What happened when the water hit the reef?**
5. **Now take out the aluminum foil reef and move the pan again.**
6. **From what you saw, how did the reef affect the water? What happened to the water and the land when you removed it?**

**What did you learn about reefs in this experiment?**

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**Draw a picture of the water with a reef Draw a picture of the water without a reef**